

```
import java.util.*;  
class Book  
{
```

```
    String name;  
    String author;  
    float price;  
    int num-pages;  
    Book()  
{}
```

```
    Book (String name, String author, int price,  
          int num-pages)
```

```
{  
    this.name = name;  
    this.author = author;  
    this.price = price;  
    this.numpages = numpages;  
}
```

```
void display()
```

```
{  
    Scanner inp = new Scanner(System.in);  
    System.out.println("Enter the name of  
    the book");  
    name = inp.next();  
    System.out.println("Enter the author of  
    book");  
    author = inp.next();  
    System.out.println("Enter the price");  
    price = inp.nextFloat();  
    System.out.println("Enter the pages");  
}
```

```
public String toString()
{
    return "Name" + name + "\n" + "Author" + author
        + "\n" + "Price" + price + "\n" + "Number of
        pages" + num-pages);
}
```

```
class BookMain {
```

```
    public static void main (String args[])
```

```
    {
        Scanner a = new Scanner (System.in);
        System.out.println("Enter the number of books");
        int n = a.nextInt();
        Book b[] = new Book[n];
        for (int i = 0; i < n; i++)
```

```
        {
            b[i] = new Book();
```

```
            System.out.println("Enter the details of"
                + (i+1) + "book");
```

```
            b[i].display();
        }
```

```
    }
    for (int i = 0; i < n; i++)
```

```
    {
        System.out.println("Details of book +
            (i+1)");
```

```
        System.out.println(b[i]);
    }
```